FORM PTO-1390 (10/03)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER 0001.1059

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/FO/US)

| DESIGNAL EDILLECT  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
| CONCERNING A FILI  | NG UNDER 35 U.S.C. 371   | 10/531897  |  |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/KR2003/02192  | INTERNATIONAL FILING DATE<br>20/October/2003   | PRIORITY DATE CLAIMED 23/October/2002  |  |  |  |  |  |  |  |
| TITLE OF INVENTION PATTERN FORMING MATERIALS AND PATTERN FORMATION METHOD USING THE MATERIALS  |  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US<br>Joo-Ho KIM, et al.  |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |  |  |  |  |  |  |  |
| <ol> <li>This is an express reques 371(f)).</li> <li>The US has been elected 4.           A copy of the International a.</li></ol>   | on of items concerning a filing under 35 st to immediately begin national examinated by the expiration of 19 months from the Application as filed (35 U.S.C. 371(c)) ewith (required only if not transmitted by the International Bureau. It is the application was filed in the United national Application into English (35 U.S. in soft he International Application under the erewith (required only if not transmitted in itted by the International Bureau. It is the application was filed in the United in itted by the International Bureau. It is the application was filed in the United in it is to the claims under PCT Articles (15) the inventor (35 U.S.C. 371(c)(4)). It is to the International Preliminary Exa (c)(5)). | ation procedures (35 U.S.C. the priority date (PCT Article 31). (2)) by the International Bureau).  States Receiving Office (RO/US). C. 371(c)(2)). PCT Article 19 (35 U.S.C. by the International Bureau).  States Receiving Office (RO/US) En (35 U.S.C. 371(c)(3)). |  |  |  |  |  |  |  |
| Items 10-15 below concern docu   | ument(s) or information included:  | •  |  |  |  |  |  |  |  |
| <ul> <li>An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>An assignment document for recording. Please mail the recorded assignment document to: <ul> <li>a. □ the person whose signature, name &amp; address appears at the bottom of this document.</li> <li>b. □ the following:</li> </ul> </li> <li>A preliminary amendment.</li> <li>A substitute specification (clean and marked-up)</li> <li>A change of power of attorney and/or address letter.</li> <li>Other items or information:</li> </ul> |  |  |  |  |  |  |  |  |  |
|  | INTERNATIONAL APPLICATION WO/2<br>CT/IPEA/409, PCT/IPEA/402, PCT/IB/3<br>SY FILING PAPERS.   |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

10/531897 JC12 Rec'd PCT/PTC 21 APR 2,005

|                      |  |                         |   | <u> </u>     | <del>• • • • • • • • • • • • • • • • • • • </del> |                       |  |
|----------------------|--|-------------------------|---|--------------|---|-----------------------|--|
|                      | U.S. National Fee  | (35 U.S.C. 371(c)(1)) a | nd other fees as folk   | ows:         |   |                       |  |
| CLAIMS               | (1) FOR  | (2) NUMBER<br>FILED     | (3) NUMBER<br>EXTRA   | (4) RATE     | (5) CAI   | (5) CALCULATIONS      |  |
|                      | TOTAL CLAIMS   | 26 -20=                 | 6   | x \$ 50.00   |   | 300.00                |  |
|                      | INDEPENDENT<br>CLAIMS  | 3 ,-3=                  | ² O   | x \$ 200.00  |   | 0.00                  |  |
|                      | MULTIPLE DEPE  |                         | 0.00  |              |   |                       |  |
|                      | BASIC FILING FEE   |                         |   |              |   | \$300.00              |  |
|                      | EXAMINATION F  | EE                      |   |              |   | \$200.00              |  |
|                      | SEARCH FEE   | \$500.0                 | \$500.00  |              |   |                       |  |
|                      | Surcharge Fee fo   | \$0.00                  | \$0.00  |              |   |                       |  |
|                      | Total of above Calculations =  |                         |   |              |   | 1300.00               |  |
| *                    | Surcharge of \$130 for furnishing the National fee or oath or declaration later than 20 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)). |                         |   |              |   | 0.00                  |  |
|                      |  |                         | TOTAL OF ABOVE CALCULATIONS   | 1300.0       | 1300.00   |                       |  |
|                      | Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)                                   |                         |   |              |   |                       |  |
|                      | SUBTOTAL   |                         |   |              |   | 1300.00               |  |
|                      | Processing fee of [] 20 [] 30 mos. f   |                         | •,  |              |   |                       |  |
|                      | TOTAL NATIONAL FEE   |                         |   |              |   | 1300.00               |  |
|                      | Fee for recording  | +                       | +   |              |   |                       |  |
|                      |  |                         | TOTAL FEES END  | 1300.        | 1300.00   |                       |  |
| b. ⊠<br>c. □<br>d. ⊠ | Credit Card Payme<br>Please charge my<br>above fees. A dup<br>The Commissioner   |                         | 038 (attached). 03333 in the Amount 0 is enclosed. 0 charge any addition 1 No. 503333. A dup WEN & BUI, LLP | of \$ to cov | th may be   | required, or<br>et is |  |
|                      |  | PATENT TRA              | ,455<br>DEMARK OFFICE   |              |   |                       |  |
|                      | ED BY: STEIN, MC   |                         |   | Г            | 47 000  |                       |  |
| Type Na              |  |                         | -   | 47,269       |   |                       |  |
| Signatur             | e  | Douglas hadupes         |   | Date         | 4/21/   | 05                    |  |